Technical sheet :

MTA 6642 SERIES IV

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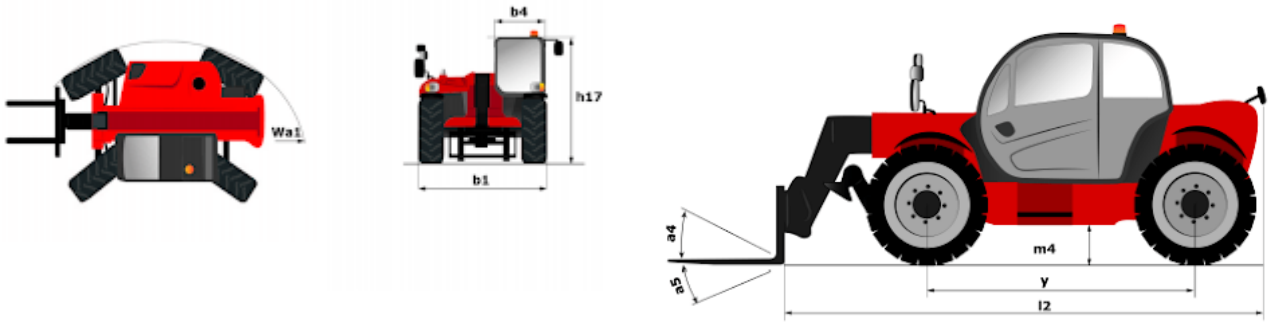
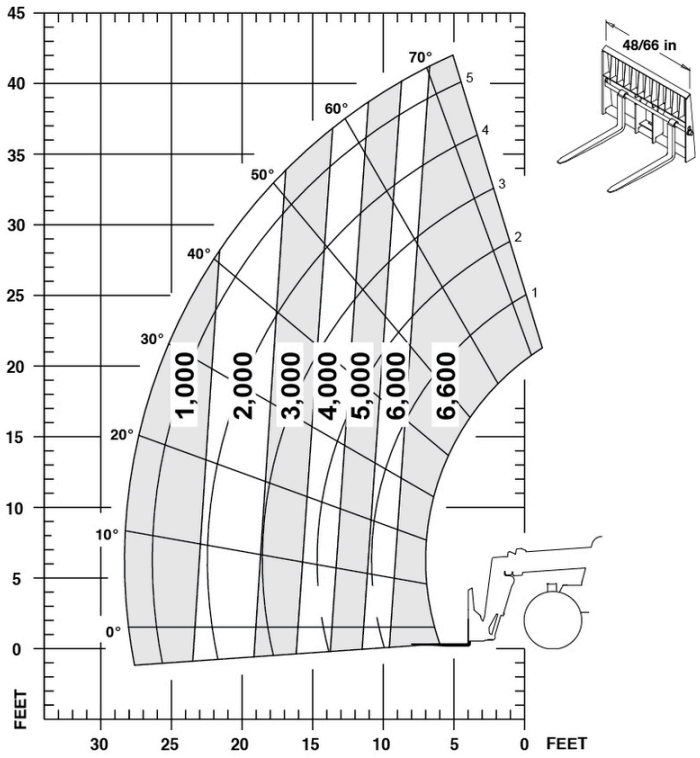
Capacities		Imperial
Max. capacity	Q	6601 lb
Max. lifting height		42 ft
Max. outreach		28 ft 3 in
Weight and dimensions		
Overall length to carriage	l11	19 ft 1 in
Overall width	b1	8 ft 2 in
Overall height	h17	7 ft 8 in
Wheelbase	y	9 ft 11 in
Ground clearance	m4	16 in
Overall cab width	b4	33 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	112 °
External turning radius	Wa3	13 ft 9 in
External turning radius (over tyres)	Wa1	13 ft 9 in
Unladen weight (with forks)		22002 lb
Standard tires		13 x 24
Frame leveling corrector	a9	10 °
Performances		
Lifting		11 s
Lowering		8 s
Extension		14 s
Retraction		12 s
Crowd		7 s
Dump		4 s
Engine		
Engine brand		Deutz
Engine norm		Tier 4 final
Engine model		TCD 3.6 L4
Number of cylinders / Capacity of cylinders		4 - 0.23 in³
Engine power (Hp/kW)		119.35 Hp / 89 kW
Max. torque / Engine rotation		354 ft/lbs @ 1600 rpm
Transmission		
Transmission type		Torque converter with powershift gearbox
Number of gears (forward / reverse)		3 / 3
Max. travel speed		20 mph
Parking brake		Hydraulic spring release SAHR
Service brake		Wet disc brakes
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		41 US gpm-3002 PSI
Tank capacities		
Engine oil		4 US gal
Hydraulic oil		45 US gal
Diesel Exhaust fluid (AdBlue® type) tank capacity		5 US gal
Fuel tank capacity		47 US gal
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2
Cab certification		ROPS/FOPS
Controls		Single Joystick FNR

MTA 6642 SERIES IV - Dimensional drawing



MTA 6642 SERIES IV - Load chart

Machine on tires with forks Imperial



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